

SE01-07-02 Grindall Island looking northwest.



Free-oil Containment and Recovery, Shallow Water



Deflection Booming, Live



Passive Recovery, Marine Mammal Haulout

Protected-water Boom



Seal Haulout

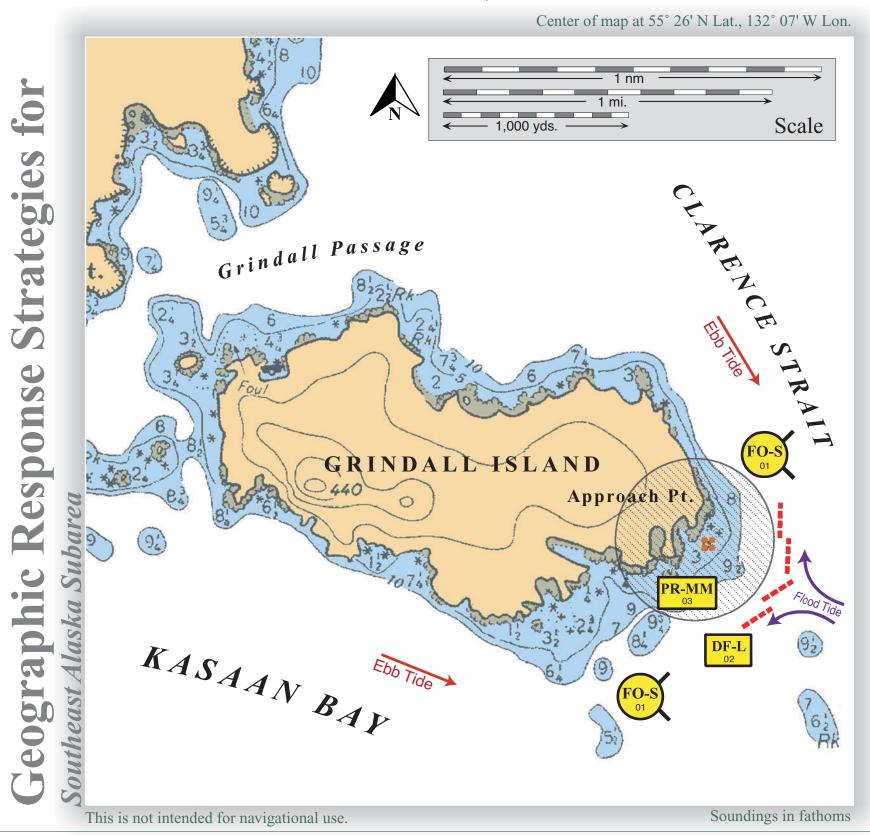


500 yd Exclusion Zone



SE01-07 Grindall Haulout from above.

Grindall Island, SE01-07



Southeast Alaska Geographic Response Strategies

June 26, 2003

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SE01-07-01	Grindall Island Lat. 55° 26 N Lon. 132° 07 W	Free-oil Recovery Maximize free-oil recovery in the offshore and nearshore waters around Grindall Island.	Deploy free-oil recovery strike teams. Ensure operations are not so close to marine mammal haulouts that animals leave the island and enter the water.	Multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts South Marble Island.	Ketchikan; Marine vessel	Via marine waters	Marine mammals-seal haulout, sea lion haulout (500 yd. exclusion zone) Birds- sea bird concentration area	Exposed conditions, shoal water/rocks and marine mammal haulout exclude any direct approach, landing or attachment of equipment to the island.
SE01-07-02	Grindall Island Lat. 55° 26 N Lon. 132° 07 W	Deflection-live Deflect oil away from island using boom tethered to response vessels Boom may not be attached to the island. Deep water precludes anchoring along the nearshore. Arrays of boom must be positioned and held in place by small vessels.	Tow and position 4 X 600 ft of boom using class 3/4 vessels (2 vessels per 600 ft boom string, 8 vessels total). Use aerial surveillance to position boom in a chevron pattern. Deflect oil away from seals and into open water of Clarence Strait for collection.	Deployment Equipment 2400 ft protected-water boom Vessels 8 ea class 3/4 Personnel/Shift 16 ea vessel crew Tending Vessels 8 ea. class 3/4 Personnel/Shift 16 ea vessel crew	Same as SE01-07-01	Same as SE01-07-01	Same as SE01-07-01	Same as SE01-07-01 FOSC Historic Properties Specialist should INSPECT site prior to operations. See Figure G-3-2 for equipment locations. Exposed to prevailing SE winds Tested: not yet Surveyed: 5/05/03 TLR
SE01-07-03	Grindall Island Lat. 55° 26 N Lon. 132° 07 W Actual location of this protection strategy will depend on field assessment at the time of deployment.	Passive Recovery-Marine Mammal Haulout Mininmize impact to marine mammal haulouts, after consulting with NMFS.	Transport equipment by vessel (Class 3/4) from Seward. Broadcast sorbent material on haulout immediately prior to or after oil spill impact. Monitor after each high tide and replace as necessary. Minimize disturbance of marine mammals.	Deployment Equipment Broadcast sorbent material Vessels 1 ea. class 3/4 1 ea. class 6 Personnel / Shift 8 ea. vessel crew Tending Vessels 1 ea. class 3/4 1 ea. class 6 Personnel / Shift 3 ea. vessel crew	Vessel platform	Same as SE01-07-01	Same as SE01-07-01	Consult with the National Marine Fisheries Service prior to implementing this tactic. Exposed to prevailing SE winds Tested: not yet Surveyed: 5/05/03 TLR